

BUILDING A MORE SUSTAINABLE LEGACY



**WE ARE
PLANET
PASSIONATE**



Kingspan Insulated Panels – Europe, Asia-Pacific and Africa
Sustainability Report 2022, 2023

In This Report

The Kingspan Group consists of 5 divisions;

- Insulated Panels
- Insulation
- Light, Air + Water
- Data + Flooring
- Roofing + Waterproofing.

Kingspan Group businesses manufacture and supply insulated panels and associated products across the world. This report covers the activities of Kingspan Insulated Panels EAA (Europe, Asia-Pacific and Africa).

For more information on Kingspan Group's activities you can read the Group Planet Passionate Report on our website.

We are delighted to present some of the progress our division was able to achieve in 2022 and 2023.



320

Lightbulbs changed to LED in Sherburn refurbishment



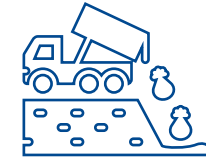
95

Employee company cars converted to electric



8,488 miles

Of Euroclad deliveries by electric/biomethane trucks



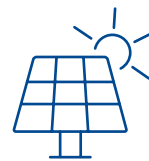
96%

Waste avoided landfill



270

Community projects supported



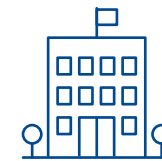
14,400m²

PV installed across the division



3

Ecosystem projects supported – see page 25



1

Contribution to school build
Click [here](#) for more information



upto 22%

Reduction in embodied carbon delivered by QuadCore™ LEC*

*QuadCore™ Colstore LEC LCA shows a 22% reduction in LCA modules A1 – A3 (product stage) when compared to existing QuadCore™ ColdStore to the EN 15804-A2 standard in 100mm thickness.

OUR APPROACH



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Overview of our Business

Kingspan Insulated Panels
EAA in numbers:



3541

Employees



01

Business acquisitions



35

Manufacturing sites



11

Countries



10

Business brands



06

Sales offices

Overview of Our Business

Our products include:



Insulated Roof and Wall Panels



PowerPanel



Rooflights



Facades



Coldstore and Cleanrooms



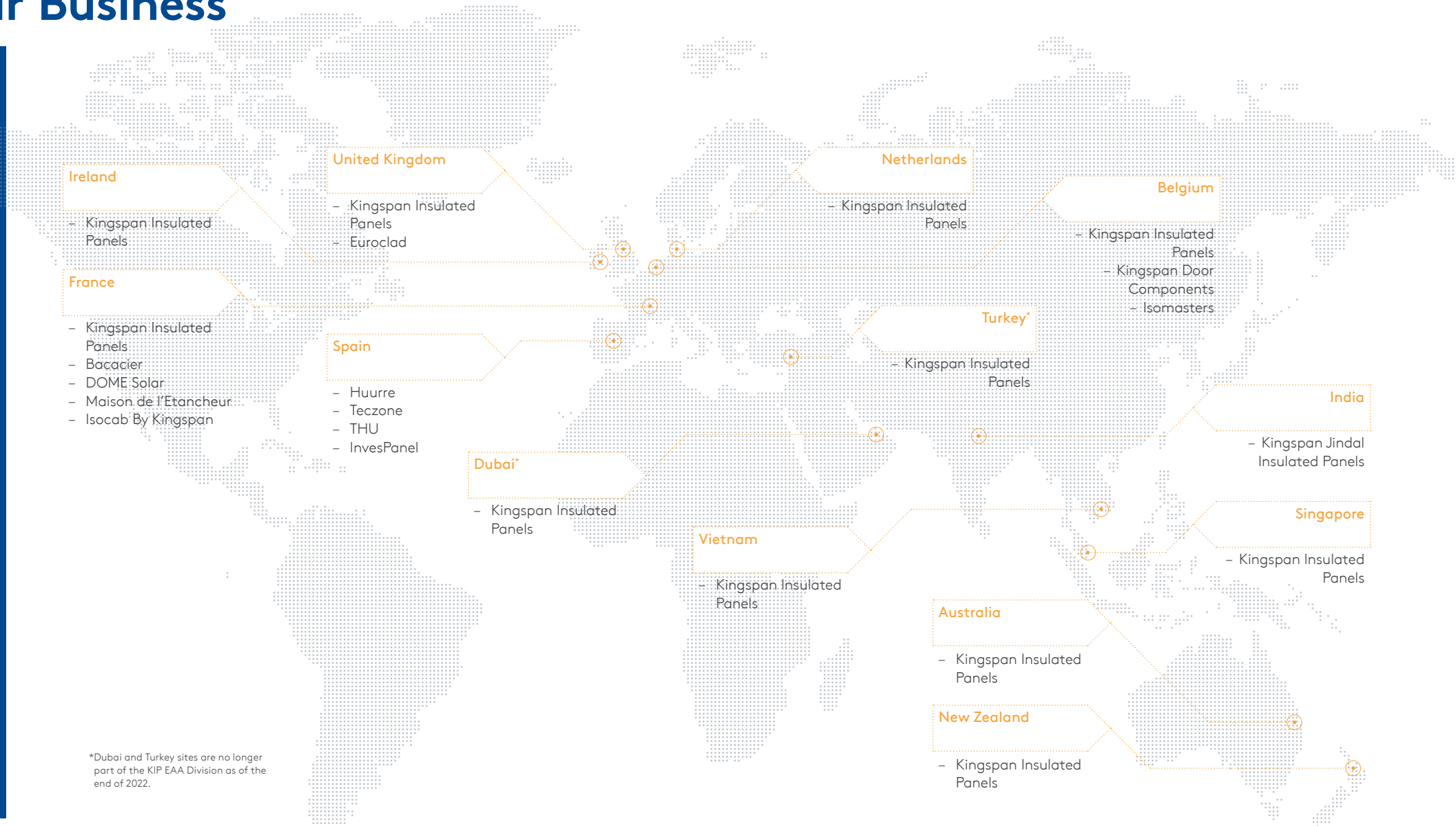
Insulated Doors



Structural and Secondary Steel



Protection Systems



*Dubai and Turkey sites are no longer part of the KIP EAA Division as of the end of 2022.

A Word from our Managing Director

A warm welcome to our annual Sustainability Report. Delighted to share our progress over the last two years in respect of our Planet Passionate targets and to share an update on our sustainability initiatives.

Over the last two years, we have continued our geographic expansion with the addition of two acquisitions to our portfolio: Fatek Advance Insulation Co. in Thailand and Conqueror New Zealand Ltd, in addition to our new greenfield Phu My site in Vietnam, which has recently achieved LEED 'Gold' rating.

Planet Passionate projects like our new solar carports at our Riom site (France) and alternative fuel trials in Cardiff (UK), just two examples of progress made, many other project case studies demonstrating real progress are detailed in the report.

In addition to the progress made on our long-term Planet Passionate commitments, we launched QuadCore LEC in the UK & Ireland, a lower embodied carbon variant of our range of QuadCore insulated panels, distilling the Planet Passionate principles into our product offering. We have also launched a range of LEC structural steel products and are planning to

continue to partner with our IKON Innovation team to expand our lower embodied carbon LEC initiative across the full spectrum of our product range.

Whilst the Planet Passionate programme continues to underpin all we do across our business, in 2023 we launched our People Passionate initiative, broadening the focus on people, to enhance their experience, amplifying their voices and enabling measurable outcomes and greater opportunities for learning and development.

Thank you ALL for your on-going support and commitment to our sustainability journey. We look forward to making further progress over the balance of 2024 and 2025 on our Planet Passionate targets. We have a number of very exciting initiatives in progress, that combined, should greatly assist us on our journey towards our ambitious 2030 Planet Passionate objectives.

Gilbert McCarthy
Divisional Managing Director



Stakeholder Engagement

At Kingspan, we believe that stakeholder engagement is not just a necessary part of our sustainability strategy, but it is also an opportunity for us to build strong relationships with all parties involved in our value chain.

At Kingspan, we recognise that stakeholder engagement is not a one-time event but an ongoing process. We are committed to maintaining an open and transparent dialogue with all our stakeholders, ensuring that their feedback informs our decision-making process and contributes to our efforts to create a more sustainable future.

Kingspan’s key stakeholders are identified as people or organisations who can affect the ability of the business to successfully implement their strategy and achieve goals and who can be significantly affected by the business operations.

We regularly consult with our group of internal and external stakeholders, through numerous dialogue tools that facilitate responsive communication and feedback sharing. Our commitment to stakeholder engagement is reflected in our dialogue tools, which are tailored to meet the needs of each stakeholder group. We use various communication channels, such as surveys, one on one meetings, forums, and conferences to gather feedback and input

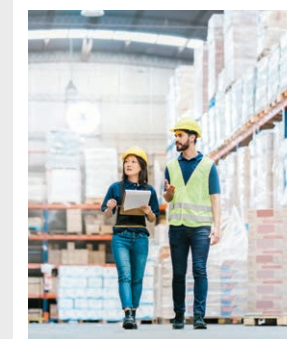
from our stakeholders. We also ensure that our stakeholders have access to relevant information about our operations, goals, and performance, through our website, annual reports, and other communication materials.

At Kingspan, we follow a three-stage approach to identify material issues. The first stage is identification, where we identify the ESG issues that are relevant to our business and stakeholders. This stage involves gathering data from previous reports, internal workshops, and consultations as well as reviewing external standards and guidelines. The second stage is prioritisation, where Kingspan assesses the significance of each identified issue based on its potential impact on the business and stakeholders. This stage involves submitting an online questionnaire to our internal and external stakeholders. The third stage is review, where Kingspan reviews and updates its materiality matrix regularly to ensure that it reflects changes in the business environment and stakeholder expectations. This stage involves a continuous monitoring and reporting process to ensure that the material topics are addressed appropriately and effectively.



Employees

- Employee briefings
- Employee partnership forums
- Annual performance reviews
- Training and development programmes
- Internal communication channels (newsletter)



Suppliers

- One-on-one meetings
- Group meetings
- EcoVadis onboarding



Customers

- Social media
- Customer service
- Customer research
- Survey



Investors

- Investor briefings
- Group meetings
- Annual reports (financial and sustainability)
- Capital market conferences



Local Communities

- Community fund
- Survey



NGOs

- Formal partnerships aligned with Planet Passionate

Materiality

The materiality assessment is an analysis aimed at engaging stakeholders to identify and prioritise the most important sustainability issues for the business.

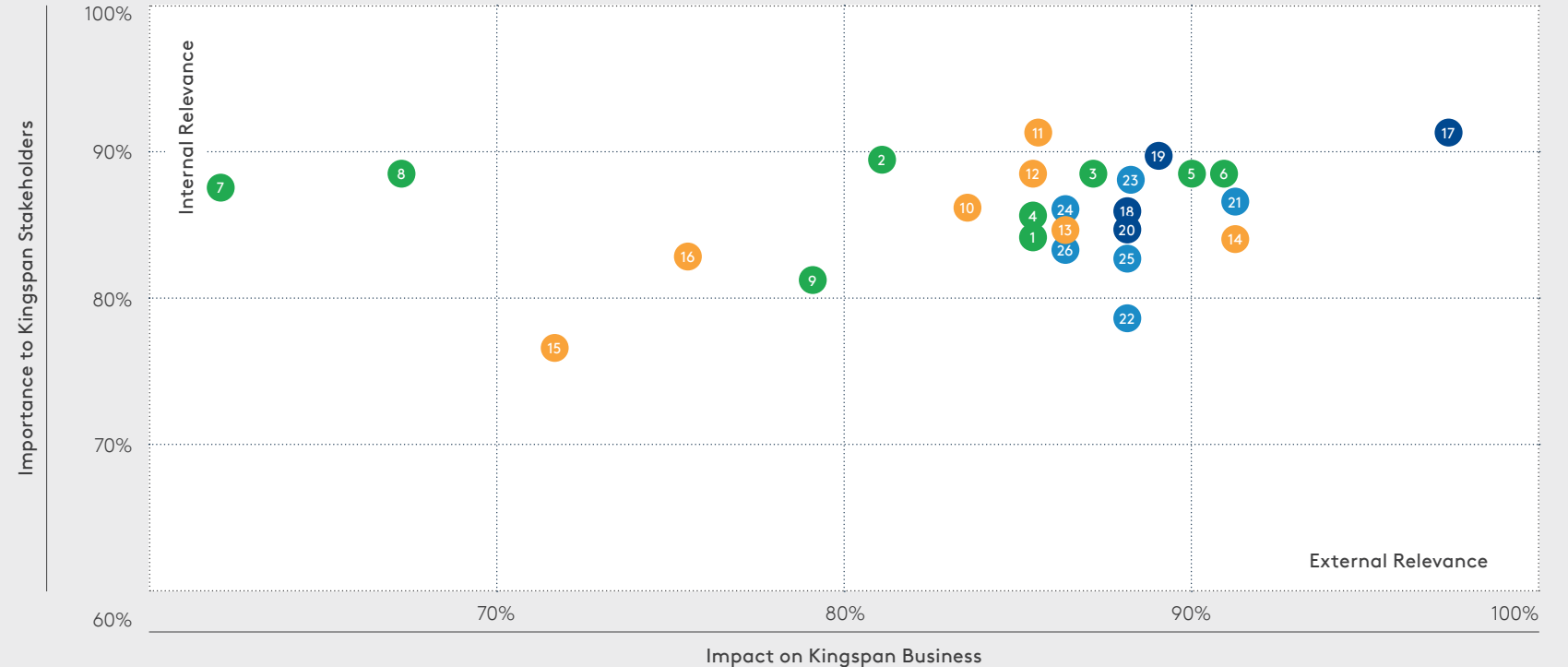
This involves analysing a wide range of factors, such as industry trends and environmental and social impacts to determine which issues are most significant and relevant. By conducting a materiality assessment, our division can develop a more focused and effective sustainability strategy that addresses the most pressing issues and maximises their positive impact. The process of identifying the material topics and determining their boundary adheres to the recommendations of the Global Reporting Initiative (GRI).

In 2021, a comprehensive assessment of our material topics was undertaken to inform the calendar year 2022. In 2022, a few adjustments were made to the questionnaire process and the results of the stakeholder survey can be seen on this page. However, due to a small return in survey responses we have since made adjustments to the materiality process which will be published in the next report – benefitting from a larger sample size*.

Stakeholders from various markets** and departments were presented with economic, environmental, social and governance issues and asked to rate them based on their perceived importance and impact on Kingspan Insulated Panels – EAA region’s business. The top issues located in the upper right of the quadrant of the materiality matrix are considered the most important due to their high impact on the business and the level of importance assigned to them by key stakeholders. Please refer to the numbers at the bottom of the pages for more information on the management of the material topics.

*Clean and Efficient Energy was replaced by Renewable Energy; Product Safety and Quality was replaced by Quality Management; Profitability and Economic Growth were replaced by Company Financial Health; Integration of Sustainability into the Business was replaced by Business Resilience and Company Brand and Mission; Product End of Life was removed.

**The BENELUX region did not contribute to the materiality assessment as they expressed a preference to prioritise other pressing activities and initiatives. However, the site remains committed to participating in the assessment in the following year. The following regions did not participate in the 2022 materiality survey Turkey, Dubai, BeNeLux, Vietnam due to changes in the business.



Environmental

- 1 GHG Emissions
- 2 Waste Management
- 3 Renewable Energy
- 4 Circular Economy and Design
- 5 Environmental Impacts of Materials
- 6 Environmental Compliance
- 7 Biodiversity Preservation
- 8 Water Stewardship
- 9 Sustainable Transport

Social

- 10 Training and Education
- 11 Workplace Safety and Wellness
- 12 Human Rights
- 13 Responsible Procurement and Supply Chain Management
- 14 Talent Attraction, Retention and Growth
- 15 Community Engagement
- 16 Diversity, Equality & Inclusion

Economic

- 17 Customer Satisfaction and Service
- 18 Product and Process Innovation
- 19 Quality Management
- 20 Company Financial Health

Governance

- 21 Business Ethics and Integrity
- 22 Stakeholder Engagement
- 23 Data Security and Privacy
- 24 Procedure Transparency
- 25 Company Brand and Mission
- 26 Business Resilience

OUR PLANET



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Progress Against Targets

	Metric	2022 target	2022 actual	2023 target	2023 actual	Target year	Progress against 2023 target (%)
Energy 	Direct renewable energy use (%)	28	34	30	47		100
	On site renewable energy generation (%)	7	9.24	8.5	10	2030	100
	Wholly owned facilities with rooftop solar PV (%)	36	41	41	41		100
Carbon 	Carbon emissions scope 1 and 2 (tCO ₂ e)*	15,233	13,155	10,742	10,575	2030	100
	Decrease in product CO ₂ intensity from supply partners (%)	N/A	N/A	N/A	N/A		This target is managed by Kingspan Group.
	Zero emission cars (%)	30	54	50	75	2025	100
Circularity 	Company waste to landfill (t)	876	749	1,121	1,047	2030	100
	PET bottles recycled into our processes (million bottles)	N/A	N/A	N/A	N/A	2025	This target is managed by Kingspan Group.
	QuadCore® products utilising PET (no. sites)	N/A	N/A	N/A	N/A		
Water 	Water use from harvested rainwater (%)	7.5	4.4	8	18	2030	100
	Ocean clean-up projects supported (no.)	N/A	N/A	N/A	N/A	2030	This target is managed by Kingspan Group.

* Our definition of Net-Zero Carbon Manufacturing is to remove GHGs as far as is practicable from our Scope 1 & Scope 2 and offset what remains. Kingspan Group has a Science Based Target (SBT) that commits to a 90% reduction in Scope 1 & 2 emissions by 2030 therefore 90% reduction is the figure we are tracking ourselves against in the progress chart. For more information about Kingspan Group's progress or the Group's SBT please see the Group Planet Passionate report, available online.

Progress Against Targets

Planet Passionate embodies our commitment to sustainability within our organisation. In 2022 and 2023, our efforts yielded some brilliant results, as we achieved and, in several instances, substantially exceeded our eight Planet Passionate targets levied at our Division.

Our onsite generation realised over 9% of our total energy consumption, mostly generated by our rooftop solar PV arrays and through our wind turbine at our head office in the UK, Holywell. This wind turbine contributes approximately 1.6 GW hours of electricity annually, sufficient to power over 300 homes and saving over 350 tonnes of carbon dioxide emissions. In conjunction with a PV system at Holywell it delivers over 20% of the site's electricity needs.

We currently have 8 large operational PV systems on our sites, with six additional systems at various stages of development. We stand out as one of the few manufacturers setting ambitious goals and producing a large portion of our energy in-house.

Another highlight of this reporting period lies in our strides taken to reduce the volume of waste sent to landfill. Robust efforts in waste reduction, segregation, and recycling culminated in a reduction of landfill waste by over 400 tonnes in 2022. Whilst the figure increased in 2023 owing to site developments and new processes, the progress made gives an excellent platform for reducing landfill waste in the coming years.

Mark Harris

Divisional Technical Director

Rainwater harvesting was another highlight during the reporting period. New installations in Sherburn, UK, Pithampur, India and Nalagarh, India contributed 12 million litres of harvested rainwater. In 2023 almost 18% of our total site water use came from harvested rainwater.

Our success in reaching these milestones is rooted in our ability to effectively implement various projects across our sites. It's crucial to recognize that every team member can make a difference by conserving energy, minimizing waste, and safeguarding water in their work routines.

Looking back at the past two years, this sustainability report showcases our remarkable achievements. I extend heartfelt gratitude to everyone in the company who has diligently worked to integrate Planet Passionate into our Division. As we face the challenges of 2024 and beyond, we remain dedicated to our goal of successfully managing our ambitious carbon, energy, circularity and water targets with the ultimate objective of achieving our 2030 targets.



Energy

Key metrics and performance indicators

Targets:

Total energy consumed directly procured from renewable energy

25% increase from 2021



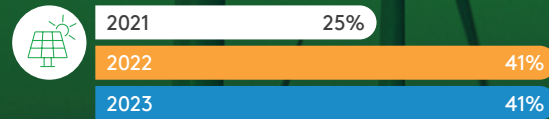
Energy generated on site from renewable sources

73% increase from 2021



Wholly owned facilities with solar PV systems

64% increase from 2021



% of energy consumption generated on-site by region



UK and Ireland **11%**

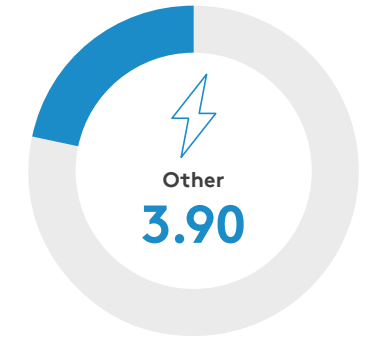
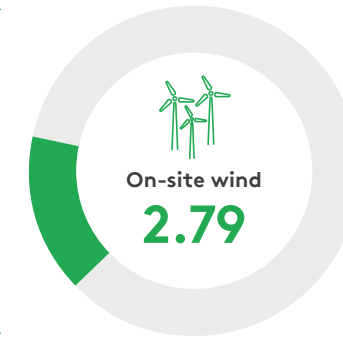
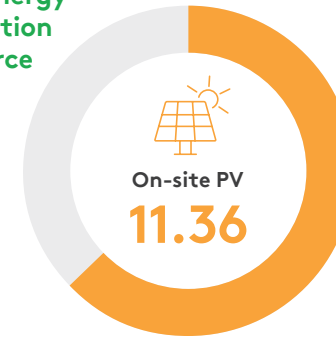


Europe **9%**



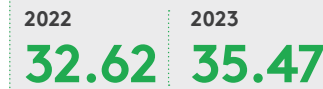
Middle East and Asia **4%**

2022 and 2023 Energy generation by source (gWh)



Purchased electricity (gWh)

Renewable electricity



Non-renewable electricity



Number of sites with renewable energy contracts to date

35



Energy

Energy efficiency projects play a significant role in the decarbonisation and cost reduction of manufacturing processes.

By optimizing energy usage, these projects directly reduce carbon emissions, contributing to our Planet Passionate targets.

Enhanced efficiency translates into reduced energy consumption, cutting operational expenses and therefore improving competitiveness in the market.

Through innovations like upgraded equipment, smart technologies, and streamlined processes, industries can achieve substantial reductions in greenhouse gas emissions while simultaneously improving profitability. Energy efficiency projects are a key tool in navigating the transition towards sustainable manufacturing practices.

Energy Performance Contracts (EPC) are a key tool to both understanding and improving our energy consumption. After successful implementation at two key sites in the division, we will be rolling out a third EPC at our Holywell production site early in 2024. The EPC will target electricity savings through improved lighting, drives and compressors and will contribute to approximately 1.8GWh reduction in the Holywell energy profile.

In addition to the energy saving projects going on across the division we have also added additional onsite generation in 2023 at our production facility in Riom. The 535KWh PV system installed above the car park acts as both energy generation and shading from the summer sun. The installed capacity is just phase 1 in a 3 phase project to reduce the reliance on grid supplied electricity. Phase 2 is due to be generating in the summer of 2024.

Timothy Drew
Divisional Sustainability Engineer



Increasing our on-site renewable energy generation across our manufacturing sites is a key priority to the Kingspan business to help mitigate our impact on climate change and the use of finite resources.

In 2022, alongside many smaller scale energy conservation projects, we installed solar PV systems across 3 of our wholly owned facilities, increasing our energy generation capacity by 1.37GWh. These projects ensure our increased energy self sufficiency and reduce both direct GHG emissions and long-term operational costs.



Carbon

Key metrics and performance indicators

Targets:

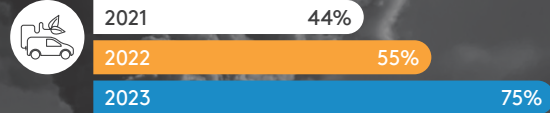
Scope 1 and 2 energy related carbon emissions

6,313t decrease from 2021



Achieved conversion to zero emissions company cars by 2025

70% increase from 2021



Carbon strategy

Process heat

- Electrification of process
- Alternative fuels



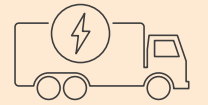
Space heating

- Heat pump technology



On-site transport

- Electrification of fleet



Carbon footprint for each region tCO₂e 2022 and 2023

UK and Ireland



2022	7700
2023	7281

Northern Europe



2022	2590
2023	1593

Southern Europe



2022	1059
2023	749

Asia Pacific



2022	1095
2023	1423

QuadCore™ LEC carbon savings* for each product

QuadCore™ AWP LEC 100mm



A1-A3: -20%



A-C: -16%

QuadCore™ KS1000 RW LEC 100mm



A1-A3: -21%



A-C: -16%

QuadCore™ Coldstore LEC 100mm



A1-A3: -22%



A-C: -18%

*Carbon savings in modules A1-A3 and A-C of Environmental Product Declaration to EN15804+A2 standard for 100mm thickness, when compared to respective standard QuadCore™ products for 100mm thickness.

New EVs



139

EV chargers



71

Sites with EV chargers



19

Carbon

The development of QuadCore™ LEC, part of our QuadCore® range in the UK and Ireland, is the start of a journey to provide a full spectrum of products that offer a lower embodied carbon variant.

QuadCore™ LEC is the product of collaboration with our supply chain partners and marks a major milestone for Kingspan and our commitment to deliver against our Planet Passionate carbon targets.

LEC started to take shape a couple of years ago in response to listening to what our customers, specifiers, contractors and installers wanted from a new generation of insulation panels. High on their agenda were products that supported their transition to net zero buildings and enabled them to meet the benchmarks being set for embodied carbon of construction materials.

The initial reductions in embodied carbon QuadCore™ LEC offers are the first step on our journey to reduce the embodied carbon of our QuadCore® range of insulated panels. Over the next few years we will be delivering further LEC variants, both for other Kingspan products and further reductions across our QuadCore® range.

Underpinning the launch of the LEC range are third party verified Environment Product Declarations (EPDs), which set out the impacts of the products across all of its declared life stages. These EPDs can be downloaded and accessed on EPD Hub; <https://www.epdhub.com/>.

QuadCore™ LEC
LOWER EMBODIED CARBON SOLUTIONS

Lizzie Young
Divisional Head of Sustainability



Circularity

Key metrics and performance indicators

Targets:

Volume of waste sent to landfill

20% decrease from 2021



Waste strategy



Waste diverted from landfill 2022 and 2023



56,181 tonnes

Waste recycling/reuse by continent

UK and Ireland

79%



Northern Europe

83%



Southern Europe

92%

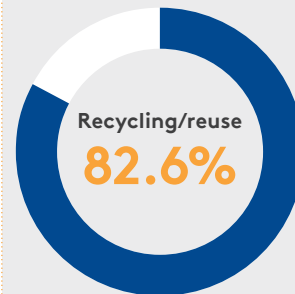


Asia Pacific

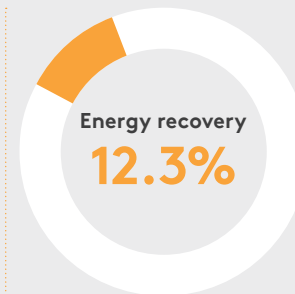
85%



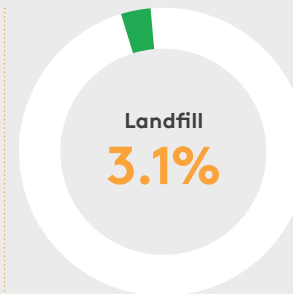
Waste generation by disposal method



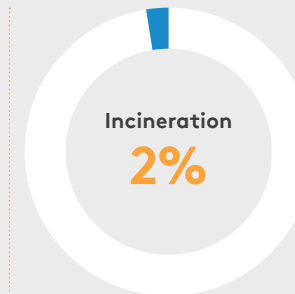
22% compared to 2021



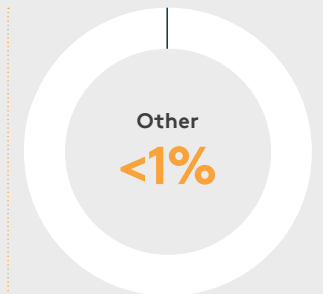
39% compared to 2021



-15% compared to 2021



-60% compared to 2021



Circularity

Since starting my role in Bacacier, my main target was implementing an efficient waste segregation system in all 8 of our sites.



The first phase was to establish a picture of the current waste segregation for all the sites, meet with the waste contractor to clarify the most efficient system and divert waste away from landfill.

In the second phase of the project, we facilitated the waste segregation within the factories through providing new skips on the manufacturing lines. As employee engagement was key to the success of this project, all employees undertook waste segregation training, and waste posters have been installed on the skips and around the site to simplify the behaviour change.

Each month end of life waste indicators collected from our waste contractors are shared with the local teams to further incentivise employees and highlight the success of their collective work. In addition to the Planet Passionate target of reducing waste sent to landfill by 25% by 2023, we also have a new annual target on the proportion of municipal waste compared to other recyclable waste to guarantee an efficient waste segregation system.

Through the successful introduction of this project in 2022, the sites managed a 40% reduction in landfilled waste.

This work will continue to progress throughout 2024, working with our waste contractors to find innovative and new solutions to waste that is still considered non-recyclable.

Pauline Casteleiro
Environment Project Manager



Tonnes of waste diverted from landfill per project

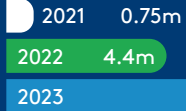
	St Mary's	Girona	Les Roche Premarie	Bourg Saint-Andeol
	110t	42t	26t	64t

Water

Key metrics and performance indicators

Targets:

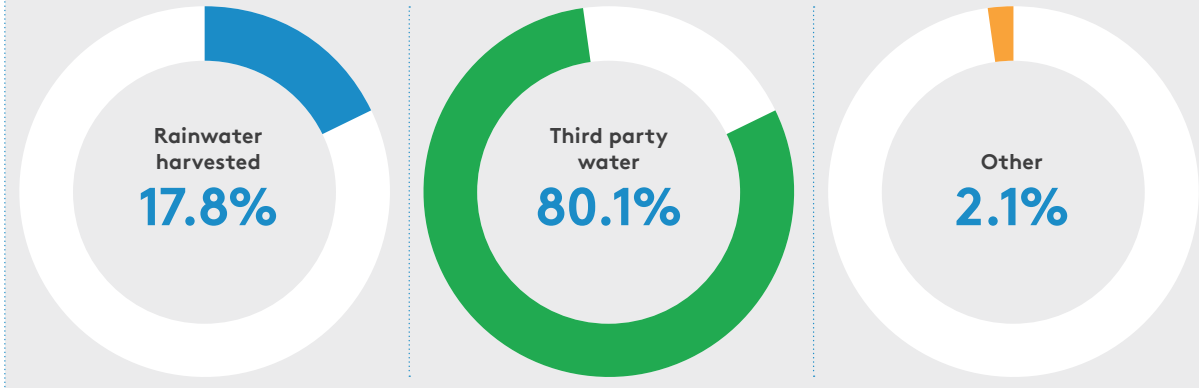
Million litres of rainwater harvested annually



11.915m increase from 2021



Water use by type



Aquifer recharge pits metered in 2023

2



Number of rainwater harvesting projects

8



Number of proposed RWH projects for 2024

3



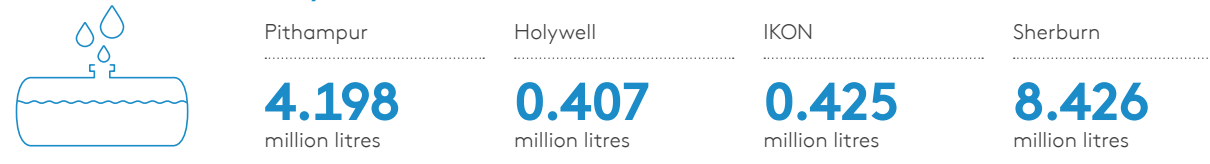
Pithampur aquifer recharging pit capacity

4

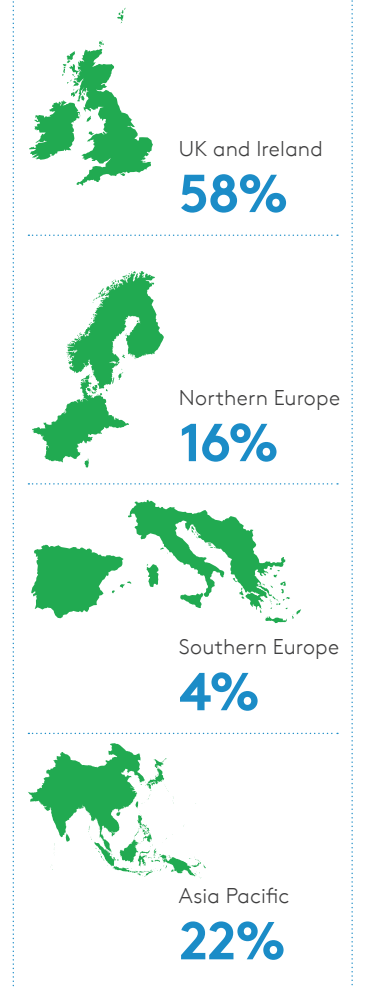
million litres



Rainwater harvested by site across 2022 and 2023



Water use by region



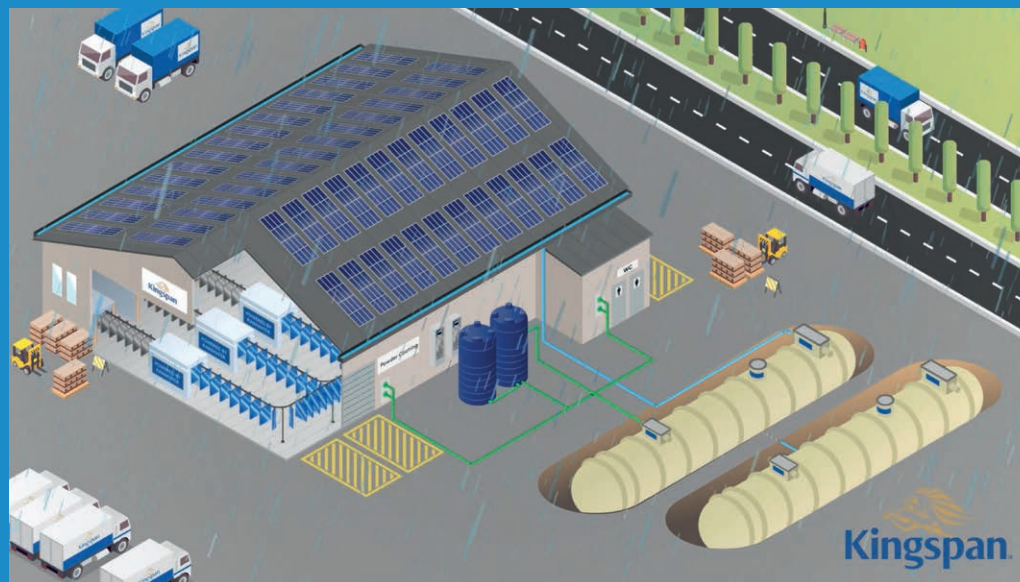
Water

We are increasingly aware of the importance of access to potable water and the impact that large industries have on freshwater supply chains. As with our energy, we strive to move away from our reliance on finite resources and mitigate our impact on the planet.

It is with that in mind that we believe that, wherever possible, we should not be using potable water within our manufacturing processes. Inspiring the Kingspan Group target to collect and 100million litres of rainwater annually by 2030.

As a first step to reducing our use of potable water, we looked at water conservation across the division. By investigating the areas and causes for high water consumption on site, we were able to identify and repair any leaks and create action plans for water conservation methods to be installed, including flow meters, changing taps, urinal flushing systems and reducing garden watering.

2022, has also been an exciting year for our water harvesting activities, in particular our projects in Sherburn, IKON and India. At our Sherburn site, we saw the switch on of our largest water harvesting system so far which has the capacity to capture up to 4.5million litres per year. At this site we have a panel powder coating system that requires water within its spraying process. This, combined with its location, made this site of particular interest for installing a large system in collaboration with our water and energy division.



Over at our Research & Design centre at IKON, our innovation team need water to be able to test our products and design new products to release to the market place. Through the rainwater harvesting system installed at this site we were able to ensure that 37% of water consumption from this site came directly from harvested rainwater.

On a visit to our site in India we saw their existing rainwater capture and aquifer recharge systems. These systems take the rainwater from the rooftops of the factory and channel it into the recharge pits, where water gravitationally filters down through

the bedrock into the aquifers to ensure water is available to both our site and the local community. This water management is incredibly important at this site as it is located in a significantly water stressed area, we are continuing to reduce our impact on the local water cycle by introducing water conservation methods and recharging the local aquifer from rainwater gathered on our rooftops. During 2023, we aim to have meters installed to monitor this rainwater harvesting so that we are able to better understand the circularity of the water use in this water stressed area.



Bruno Calienque
Graduate Engineer

Millions of litres of water conserved or harvested at each Kingspan site



2022	2023
Adana (conservation) 6.20	Beveren-Leie (harvesting) 0.910
Pithampur (conservation) 0.12	Pithampur (harvesting) 4.198
Euroclad (conservation) 2.20	Holywell (harvesting) 0.407
Sherburn (harvesting) 5.00	Sherburn (harvesting) 3.426
IKON (harvesting) 0.20	IKON (harvesting) 0.225
	Nalagarh (harvesting) 3.497

OUR PEOPLE



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Employees 2022 and 2023

UK and Ireland		F	M	P	T
Kingspan	2022	156	903	1053	6
Insulated Panels	2023	186	985	1171	0
Euroclad	2022	64	236	300	0
	2023	70	247	314	3
Spain		F	M	P	T
Huure and Teczone	2022	29	86	115	0
	2023	47	224	266	5
THU	2022	15	73	88	0
	2023	19	84	88	15
Invespanel	2022	3	30	32	1
	2023	6	28	34	0
France		F	M	P	T
Kingspan	2022	3	11	14	0
Insulated Panels	2023	3	11	14	0
Isocab	2022	27	135	158	4
	2023	28	135	150	3
Bacacier Group	2022	167	446	587	26
	2023	185	485	662	22
The Netherlands		F	M	P	T
Kingspan	2022	10	19	27	2
Insulated Panels	2023	9	21	28	2

Belgium		F	M	P	T
Kingspan	2022	7	7	14	0
Insulated Panels	2023	8	6	14	0
Kingspan Door Components	2022	7	66	72	1
	2023	9	68	75	2
Isocab	2022	3	6	9	0
	2023	3	6	9	0
Isomasters	2022	25	39	64	0
	2023	26	134	151	9
Turkey		F	M	P	T
Kingspan Insulated Panels	2022	11	131	142	0

Vietnam		F	M	P	T
Kingspan	2022	6	4	10	0
Insulated Panels	2023	11	26	37	0
Dubai		F	M	P	T
Kingspan Insulated Panels	2022	10	91	101	0
India		F	M	P	T
Kingspan Jindal	2022	9	247	256	0
	2023	8	404	266	146
Singapore		F	M	P	T
Kingspan Insulated Panels	2022	3	11	14	0
	2023	2	10	12	0
Australia & NZ		F	M	P	T
Kingspan Insulated Panels	2022	19	80	98	1
	2023	23	81	104	0

● Female employees
 ● Male employees
P Permanent employees
T Temporary employees

*Dubai and Turkey sites are no longer part of the KIP EAA Division as of the end of 2022.

Our People

Employees covered under collective bargaining agreements

41%

Employees not covered by collective bargaining are represented by employee elected partnership forum groups who consult on pay and working conditions.



Number of lost time incidents in 2022 and 2023

2022

78

2023

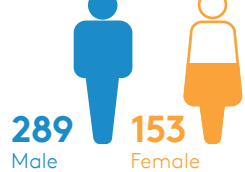
116

Fatalities

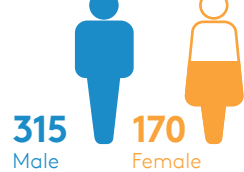
0

New employees

2022



2023



Diversity and Inclusion

Diversity and inclusion are fundamental to our business and our workplaces. We continuously aim to develop a management style that allows everyone to use their talents fully. We all have the right to be treated with dignity and respect in an environment free from abuse, offensive behaviour, harassment, bullying or prejudice.

Kingspan is committed to ensuring that our workplaces are free from discrimination based on sex, gender, sexual orientation, ethnic or national origin, nationality, race, colour, age, disability, religious or political beliefs.

We are proud of the wide variety of skills, abilities, genders, backgrounds, experiences and perspectives represented by our employees across the business and we are committed to providing equal opportunities for all employees throughout their careers. Discrimination and other unfair practices are absolutely prohibited across our business.

Health & Safety

All of our employees have the right to work in an environment that ensures their health and safety is being prioritised and protected. We ensure that the health and safety of our workers is at the core of our operations and are continuously striving to improve and better our performance within this area. We are pleased to report that in 2022 and 2023 we had another year of no fatalities across all of our sites, and a reduction in the number of lost time incidents.

Health and Safety throughout our sites are under constant on-going review to detect any improvements that we can make at an individual site level, as well as having hazard identification processes in place encouraging employees to report any concerns and suggest process improvements. Alongside the divisional and local level health and safety committees, we were

able to contribute to the Group Health & Safety Forum in IKON in December 2022. This allowed us to share and gain knowledge alongside the other divisions within the Kingspan Group and put these improvements in place.

We also acknowledge that health and safety at work involves not only the prevention of harm but also the promotion of health and well-being. Throughout 2022 and 2023, we have strived to improve our well-being support systems through partnering with organisations such as Andy's Man Club, offering support outside of work to encourage the positive mental health of our employees. A number of employees have also been trained up to be health and well-being reps for employees to go to if they feel unable to discuss with HR or their line managers. We continue to strive to improve our health, well-being and safety offerings and listen to the needs of our employees.

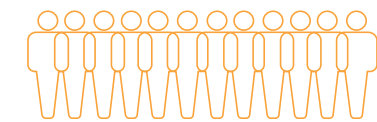
Training

Supporting our employees in their professional development is key to the work we do here at Kingspan. Our formal leadership programmes are designed to equip our people with the skills to drive the business towards the achievement of our mission to accelerate a net-zero emissions future-built environment, with the well-being of people and planet at its heart.

Within the business we have an integrated talent management strategy that ensures high potential individuals are identified and are nominated to take part in the Kingspan Group wide leadership development programmes. In 2022 and 2023, employees from across the Kingspan Insulated Panels EAA business took part in our two main talent development programmes: Yours to Shape – Graduate Attraction and Development and PEAK – Programme for Executive Acceleration in Kingspan.

Alongside our formal leadership programmes, we continue to provide training modules to employees across our workforce in topics such as cyber security, diversity and inclusion, mental health, sustainability and our planet passionate programme. These training modules are part of a larger cross department strategy to inform our employees about our mission and long term strategy as well as helping to improve business and data security.

Number of KIP EAA employees participating in each scheme



YTS		PEAK	
2022	2023	2022	2023
11	6	6	6

Community Engagement

In January 2022, we launched the KIP EAA community engagement initiative – The Planet Passionate Community Fund.

With this initiative we aim to give back to projects within the areas surrounding our operations, to support our planet and our people within our local communities.

Throughout 2022 and 2023, we have been able to support over 260 projects across local communities surrounding our sites. This initiative focuses on supporting projects focusing on sustainability, biodiversity and conservation, the education and skills of young people, health and wellbeing and collaboration with local charities.

The positive impact we are able to have supporting our local communities would not be possible without the continued work of the fund managers at each of our sites, working closely with their local community to identify key projects to make a difference to their areas.

We are always looking for new projects that we can support within our local communities. Whether you are involved in a local sports group or have children that attend a local school in need of supplies, please reach out via our simple application form on our website.



Becca Spurdle
Divisional Sustainability Graduate



Supported by Kingspan Insulated Panels

Community fund criteria:

1. Align with one or more of our Planet Passionate focus areas;
2. Support biodiversity, conservation and protection of our natural world;
3. Support the education and skills of young people;
4. Improve the health of our communities through recreation and well-being;
5. Work together with local charities towards one of the above key areas.

Amount donated to each fund in 2022 and 2023

€73,328
Towards a safe, and sustainable built environment/planet passionate focus area

€156,594
Towards biodiversity, conservation and protection of the natural world

€143,063
Towards health and wellbeing

€124,685
Towards education and skills of young people

€29,532
Towards registered charities

€496,500

Donated to community projects in 2022 & 2023

269

Projects supported in 2022 & 2023

28

Localised community fund budgets

5

Funding focus areas

Community Engagement

As part of our 2023 community fund, we wanted to support a larger partnership project to be the spearhead for the impact we are aiming to achieve through this initiative.

Ecosystem restoration communities is a foundation rooted in the belief that community leadership is the key to lasting systemic change. This project spans across six continents with over 60 community based projects, empowering local people to take action at the forefront of ecosystem restoration and biodiversity conservation. Through this community based approach the project ensures that these restoration initiatives succeed to becoming functioning ecosystems that remain intact for generation.

Through our donations we were able to support three projects across areas that our operations and employees are part of.



King's Garden, Netherlands

The King's Garden project is working to restore herb-rich meadowland, biodiverse farmlands and many other biotopes needing restoration and protection.

This area is a natural habitat for the Godwit, a bird species on the verge of extinction – the largest population of which breed in the Netherlands. This project, established in 2012, brings together local communities to perform the restoration of this site together with one aim.

So far this project has successfully restored and planted sixty biodiverse food forests using region specific fruit trees and native plants.

Pachaland, Belgium

The Pachaland project is dedicated to advancing entrepreneurship in land restoration and sustainable farming practices.

This project helps to educate local farmers on the importance of ecosystem harmony and supports better relationships between farmers and local communities. Pachaland also inaugurated Belgium's soil microbiology lab which provides farmers with invaluable soil analyses. Empowering them to optimise their practices and nature thriving microbial ecosystems.

Doku, Malaysia

Doku is located at the gateway to Borneo's national forest reserves. This area was destroyed by logging, palm oil and rubber tree plantations. Chemical runoff has also negatively impacted the soil, ecosystem and water supply – further impacting the food security of the local community. The Doku research team are investigating and observing the ecosystem as a whole, collecting data and information to be used to form a framework for other areas of degraded land to help create abundant, healthy forests and restored systems.

This project works directly with smallholder palm oil plantations, encouraging them to turn organic and understand the importance of soil microbial life. Data collection at the site has shown a positive change in earthworm populations, soil microbial and fungi life.

Community Engagement



Sherburn, UK

The Wave Project is an award-winning UK charity which supports young people’s mental health and well-being through surf therapy. The effect of the Covid-19 pandemic caused a spike in mental health issues across the UK, particularly impacting young people, who became isolated from support networks when schools closed. After being recognised as an essential mental health intervention, the project was allowed to re-open towards the end of 2020.

The Wave Project has seen a spike in demand as the mental health impact of the pandemic became apparent, causing need for additional support and more equipment. The support provided from the Planet Passionate Community Fund provided new equipment and a number of paid for places for young people to be able to attend the programme, allowing those in more vulnerable situations the opportunity to be part of this amazing programme



Euroclad, UK

One of the projects supported at our Euroclad site was in collaboration with ThinkAir, sponsoring ThinkAir School Kits (TASK) into two local schools. These kits will allow the pupils a hands-on approach to monitoring air quality and pollution in their local areas, connecting them to STEM related learning and their local environment. The pupils will be able to run experiments, access designed online lessons and run reports on the data from their school in comparison to other schools across the UK. TASK’s focus on transferable STEM skills, spurring an interest in science and technology among pupils. In 2023, we are continuing the partnership with ThinkAir, sponsoring further TASK’s into schools surrounding or site in North Wales.



St Mary’s, Australia

Our Australian team participated in a workshop as part of the B&B Highway initiative, a joint effort between the Planting Seeds organization and CSIRO – which aims to promote education and awareness of planting regeneration in the urban environment.

The workshop began with a briefing session that explored local biodiversity and the vital process of pollination, followed by a hands-on activity in which the team filled planter boxes on site with soil and plants. It was a highly educational and fun session between Planting Seeds and Kingspan, highlighting the importance of working together to support biodiversity.



Hurre, Spain

One of our Spanish sites have utilised part of their budget to collaborate with Selvans to create the first Kingspan/Hurre biodiversity and forest sanctuary in the province of Girona, approximately 15 minutes away from our manufacturing site. This project will be a 4 year collaboration with Selvans aiming to preserve a total of 15hectares of old-growth Mediterranean forest. This project will form part of Selvans network of protected forest areas, protecting these areas from being cut down and excavated and creating green therapeutic forest spaces for members of the local community to enjoy.



Community Engagement



Grobbendonk, Belgium

Kalvier is a charity that supports young people with mental disabilities with independent living and working.

The money donated from the community fund will go towards the creation of a bare foot sensory trail through the gardens at their site. The path will allow for sensory stimulation and a safe space for people to come and explore and connect with the natural environment.



Singapore/Vietnam

The KIP EAA Community Fund in Vietnam was utilised to support a children's home local to our site. Angel Home is a facility homing a large number of orphans and disabled children. This facility is dependent on donations to be able to provide the care and safety that these children need and would otherwise be at severe risk. The funds donated has helped to provide equipment such as a classroom partition, chairs, tables, computers and electrical equipment such as an electric fan to support the children in their education.



Kingscourt, Ireland

Through the Community Fund, the kingscourt team supported and member of the community in their fundraising activities for the Ireland's Children's Ambulance Service.



This service has provided vital lifesaving support within local communities over the last few years. All the funds collected were donated directly toward the purchase and maintenance of 14 active BUMBLEance vehicles in the area.



Isocab, France

As part of the communities aims to increase biodiversity and educate on the importance of the natural world, at our Dunkirk Isocab site the team were able to introduce a number of beehives on site.

By introducing these hives on our sites, we are able to increase local biodiversity and support ecosystem services, whilst also educating our employees and local community in the importance of protecting and conserving the natural world.

Corporate Governance



Internal control

Kingspan Insulated Panels – EAA Division, is part of Kingspan Group and adheres to all audit and compliance frameworks owned by the Global Compliance team.

A Divisional Compliance Manager, reporting to the Divisional Managing Director, is in place for the EAA Division and is responsible for the roll-out of ISO 37301 certification, managing external audits and regular internal audits across all high risk and a third of all low-risk sites each year.

Since 2021 a confidential whistle blowing system has been provided by Navex and all compliance concerns are investigated independently.

The Group Board has established an Audit & Compliance Committee to monitor the integrity of the Company's financial statements, and the effectiveness of the Company's internal financial controls. For more information see Kingspan Group's financial reports.

Code of conduct

Kingspan expects the highest standards of integrity, honesty and compliance with the law from our employees, our directors and our partners globally. We actively encourage our employees to speak out if they experience instances that are not in keeping with the principles in our code of conduct.

Our code of conduct is founded on the following core principles:



1

Clear, ethical and honest business communications



2

Compliance with the law



3

Respect the safety and well-being of colleagues



4

Protection of our Group assets



5

Upholding our commitment to a sustainable future

Risk and opportunities

As a subsidiary of Kingspan Group, and for the purposes of this report, please see pages 55 – 60 of the Kingspan Group Planet Passionate report for an overview of Climate related risks and opportunities. The report can be viewed [here](#).

Sustainability Governance

In 2023, we made remarkable strides in our sustainability program, excelling in the quality of our data collection and internal auditing.

Thanks to the exceptional efforts of our data writers, we witnessed a significant decrease in queries and clarifications during the external audit process in 2023 compared to 2022.

Our team of 19 dedicated Data Writers diligently ensures the thorough and precise collection of data from each of our 35 sites every month. Their commitment has resulted in exceptional levels of data completeness and accuracy, subject to rigorous internal monthly audits and annual external audits.

As the Divisional Planet Passionate Data Analyst for KIP WE's Planet Passionate team, my primary responsibility involves working closely with our data writers to ensure the accurate input of data into our 'Diligent' reporting system. This data forms the backbone of our efforts to monitor energy usage, CO₂ emissions, waste generation, and water consumption. Maintaining the integrity of this data is essential as it enables us to stay on track towards achieving our 2030 targets and take proactive measures



Will Brown
Divisional Planet Passionate
Data Manager

Daniel Jenkins
Divisional Planet Passionate
Data Analyst

Sustainability oversight and management

Kingspan Insulated Panels EAA Board

- Approval of sustainability strategy
- Approval of Planet Passionate engineering CAPEX's
- Formal updates from Divisional Head of Sustainability and Divisional Technical Director

Divisional Planet Passionate Working Group

- Formal weekly project updates
- Formal quarterly oversight meetings
- Formal weekly target progress reviews

Focused Working Groups

- Diligent data writers
- Divisional finance, operations, technical and marketing teams

Highest level of governance oversight



- Kingspan Group CEO and CFO
- Divisional Managing Director
- Regional Managing Directors
- Divisional Directors of Procurement, Governance, Sustainability and Marketing

Management oversight



- Planet Passionate Chair
- Divisional Head of Sustainability
- Divisional Engineering Manager

Regular internal audits

Delivered by the Divisional Planet Passionate Data Managers and reported to the Planet Passionate Chair and Divisional Sustainability Team

Implementation management



- Divisional Planet Passionate Data Managers
- Regional Planet Passionate Data Writers
- Divisional Sustainability Team

APPENDIX



Material Topics and Boundaries

Number	Material Topics	Page	Note
1	GHG emissions	14-15	Kingspan Planet Passionate Report 2022 (ipaper.io)
2	Waste Management	16-17	Kingspan Planet Passionate Report 2022 (ipaper.io)
3	Renewable Energy	12-13	Kingspan Planet Passionate Report 2022 (ipaper.io)
4	Circular Economy and Design	16-17	Kingspan Planet Passionate Report 2022 (ipaper.io)
5	Environmental Impact of Materials	15	Kingspan Planet Passionate Report 2022 (ipaper.io)
6	Environmental Compliance	28-29	Kingspan Planet Passionate Report 2022 (ipaper.io)
7	Biodiversity Preservation	24-27	Kingspan Planet Passionate Report 2022 (ipaper.io)
8	Water Stewardship	18-19	Kingspan Planet Passionate Report 2022 (ipaper.io)
9	Sustainable Transport	14-15	Kingspan Planet Passionate Report 2022 (ipaper.io)
10	Training and Education	23	Kingspan Planet Passionate Report 2022 (ipaper.io)
11	Workplace Safety and Wellness	22	Kingspan Planet Passionate Report 2022 (ipaper.io)
12	Human Rights	See notes	Kingspan Planet Passionate Report 2022 (ipaper.io)
13	Responsible Procurement and Supply Chain Management	14-15	Kingspan Planet Passionate Report 2022 (ipaper.io)
14	Talenet attraction, retention and growth	22-23	Kingspan Planet Passionate Report 2022 (ipaper.io)
15	Community engagement	24-27	Kingspan Planet Passionate Report 2022 (ipaper.io)
16	Diversity, equity and inclusion	22-23	Kingspan Planet Passionate Report 2022 (ipaper.io)
17	Product and process innovation	14-15	Kingspan Planet Passionate Report 2022 (ipaper.io)
18	Quality management	13-14	Kingspan Planet Passionate Report 2022 (ipaper.io)
19	Company Financial Health	See notes	Kingspan Planet Passionate Report 2022 (ipaper.io)
20	Customer Satisfaction and service	7-8, 15	Kingspan Planet Passionate Report 2022 (ipaper.io)
21	Business ethics and integrity	28-29	Kingspan Planet Passionate Report 2022 (ipaper.io)
22	Stakeholder engagement	7-8	Kingspan Planet Passionate Report 2022 (ipaper.io)
23	Data security and privacy	28-29	Kingspan Planet Passionate Report 2022 (ipaper.io)
24	Procedure transparency	28-29	Kingspan Planet Passionate Report 2022 (ipaper.io)
25	Company brand and mission	28-29	Kingspan Planet Passionate Report 2022 (ipaper.io)
26	Business resilience	28-29	Kingspan Planet Passionate Report 2022 (ipaper.io)

Definitions of Planet Passionate targets

Carbon manufacturing by 2030

The Kingspan Group GHG emissions (Scope 1 and 2) footprint comprises of energy and process related emissions. For energy related emissions, our increasing use of renewable energy will help to reduce emissions. Process related emissions are manufacturing facility specific and mitigation plans must be developed to reduce and if possible, eliminate them by 2030.

50% reduction in product CO₂e intensity from primary supply partners by 2030

Up to 80% of our Group value chain emissions are attributable to our purchased goods and services. In order to significantly reduce our value chain emissions and in turn the embodied carbon of our products, we must work with our suppliers to ensure that they reduce their emissions. In June 2021, Kingspan Group committed to a science-based target of 42% absolute reduction of scope 3 GHG emissions from purchased goods and services, use of sold products and end-of-life treatment of sold products by 2030 from a 2020 baseline.

Zero emission company cars by 2025

This target aims to help accelerate the uptake of zero emissions cars across our business, starting with company funded employee cars.

Increase direct use of renewable energy to 60% of total energy use by 2030

We aim to increase our direct use of renewable energy to 60% of our total energy use by 2030, aggregated over all our manufacturing sites. This means that, where feasible (technically and economically), we will convert our processes to run on renewable energy via:

- purchase of renewable energy products from energy suppliers; and
- on-site renewable energy generation

Increase on site renewable energy generation to 20% of total energy use by 2030

Increase renewable energy generated on Kingspan manufacturing sites to the equivalent of 20% of total energy use by 2030.

Install rooftop solar PV systems on all wholly owned sites by 2030

Install solar PV systems on all wholly owned Kingspan facilities by 2030, with an interim target of achieving 50% of sites by 2025.

Maintain energy target to 2030

We have defined energy as meaning: the non-renewable energy use associated with our manufacturing sites will be minimised through a combination of energy efficiency measures, on site renewable energy generation and the purchase of certified renewable energy. Our remaining non-renewable energy use will be offset by the purchase of renewable energy certificates.

Zero company waste to landfill by 2030

We aim to achieve zero waste to landfill throughout our business. Through this target we want to encourage less waste creation, resource efficiency and identify and implement new solutions to avoid landfill.

Recycle 1 billion PET bottles into our processes by 2025

We aim to recycle post-consumer plastic waste by incorporating it into the feedstock materials used to make our high performance QuadCore® insulation. The use of recycled PET bottles reduces use of virgin materials and increases the recycled content of QuadCore® insulation.

QuadCore® products to utilise recycled PET by 2025

We are aiming to use the PET polyol in the manufacture of all QuadCore® insulation by 2025. By doing this, we are diverting PET from landfill and the natural environment and providing a long-term use within insulation products that help save energy in buildings.

Harvest 100 million litres of rainwater by 2030

Harvest 100 million litres of rainwater per annum on Kingspan sites by 2030. Interim target of 50 million litres by 2025. Rainwater harvesting is rainwater collected on Kingspan sites. All harvested rainwater must have an onward use, i.e. it should be either used, sold or donated.

GRI Index

GRI 1: Foundation

Statement of use	Kingspan Insulated Panels has reported in accordance with the GRI Standards for the period January 2022 – December 2023.
GRI 1 used	GRI 1: Foundation 2021.
Applicable GRI Sector Standard(s)	Not currently available.

GRI 2: General Disclosures

GRI standard	Disclosure	Page	Notes and Omissions
2-1	Organisational details	5	<ul style="list-style-type: none"> a. Kingspan Insulated Panels EAA Division; b. Public limited company; c. Kingspan Insulated Panels is headquartered in Holywell, North Wales; d. see page: 5.
2-2	Entities included in the organisations sustainability reporting		<ul style="list-style-type: none"> a. Kingspan Insulated Panels – EAA Division (KIP EAA) is made up of 53 legal entities. All financial reports are delivered by Kingspan Group, of which all entities within KIP EAA are included. The financial report for 2022 and 2023 can be found here: https://www.kingspangroup.com/en/investors/reports-and-presentations/. We do not share individual performance of legal entities but financial reports can be found on governmental websites where countries require it. b. KIP EAA is made up of 10 business brands, for the purpose of this document figures have been collated from every manufacturing site within the Division with no adjustments for scale or size of business brands.
2-3	Reporting period, frequency and contact point		<ul style="list-style-type: none"> a. This report covers the calendar year 2022 and 2023. It is an annual report. b. This report does not contain any financial performance of this Division as this is reported at the parent company level only. c. The publication date of this report is 23.09.24. d. For further questions please contact the sustainability team at sustainabilityteam@kingspan.com.
2-4	Restatements of information	11	Since the previous report, the figures for the targets have been rebaselined to include acquisitions and data gaps from 2020. The new figures for 2021 and this reporting cycle 2022/2023 are available in full on page 10
2-5	External assurance		Page 38.
2-6	Activities, value chain and other business relationships		<ul style="list-style-type: none"> a. Kingspan Insulated Panels – EAA is a manufacturer in the construction sector. The external statement, alongside the impact assessment, is available for download via the Kingspan Insulated Panels website b. i. Kingspan Insulated Panels provides products and services relating to the construction of predominately non domestic buildings. <ul style="list-style-type: none"> ii. The organisations supply chain is diverse, with raw materials procured centrally for the Division and consumables typically procured at a manufacturing site level. Supplier network is made up of EU and Non EU suppliers. iii. As a B2B manufacturer KIP EAA sells to contractors rather than direct to end users. c. There are no other relevant business relationships.

GRI Index

GRI 2: General Disclosures

GRI standard	Disclosure	Page	Notes and Omissions
2-7	Employees	4, 21	Information unavailable for b-e. Information will be available in the next reporting period.
2-8	Workers who are not employees		The Company does not have a significant proportion of workers who perform on behalf of the Company whom are not legally considered as employees.
2-9	Governance structure and composition	28, 29	Information unavailable for c. Information will be available in the next reporting cycle.
2-10	Nomination and selection of the highest governance body		Currently there is no written nomination criteria used for nominating and selecting highest governance body members. However competencies relevant to the impacts of the organisation are considered as heads of relevant departments are automatically members of regional boards, with the Divisional Board made up of heads of departments and divisional leaders.
2-11			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-12			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-13			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-14			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-15			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-16			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-17			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-18			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-19			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-20			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-21			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-22			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-23			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-24			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-25			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-26			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.
2-27			This is a transition report and the information for this disclosure will be addressed in our next reporting cycle.

GRI Index

GRI 2: General Disclosures

GRI standard	Disclosure	Page	Notes and Omissions
2-28	Membership associations		<p>We engage closely with the following associations: Construction Products Association (CPA), Engineered Panels in Construction (EPIC), Irish Green Building Council (IGBC), World GBC, Business in the Community (BITC).</p> <p>We are also patrons of the following: CRASH Charity which helps homelessness charities and charities with their construction projects, and Lighthouse Club Charity which provides emotional, physical and financial well-being support to construction workers and families.</p>
2-29	Approach to stakeholder engagement	7	
2-30	Collective bargaining agreements	22	

GRI 3: Material Topics

GRI standard	Disclosure	Page	Notes and Omissions
3-1	Process to determine material topics	7, 8	
3-2	List of material topics	8	
3-3	Management of material topics	31	This is a transition report all additional required information will be available in the next reporting cycle.

302: Energy

302-1	Energy consumption within the organisation	36	<p>"a. Total fuel consumption 2022 and 2023- 378,430 Gigajoules: Biodiesel – 758; BioLPG – 957; Diesel – 22,276; Electricity – 37,203; Fuel Oil – 37,332; Gas Oil – 51,699; Kerosene – 835; Gas/Diesel Oil – 14,100; LPG – 23,047; LPG (General Transport) – 2,621; Natural Gas – 154,147; Off-Road Diesel Fuel – 5,136; On-Road Diesel Fuel – 970; Residual Fuel Oil – 3,751; Propane – 20,738.</p> <p>b. Total Renewable Fuel Consumption 2022&2023- 167,070 Gigajoules: Solar PV – 25,831; Wind – 9,936; Wood or Wood Waste – 14,055</p> <p>c. Electricity consumption 2022 and 2023– 317,928 Gigajoules; heating, cooling and steam consumption data unavailable.</p> <p>d. Electricity sold 2022 and 2023: 15,180 Gigajoules; no heating, cooling and steam sold.</p> <p>e. Total energy consumption 2022 and 2023– 673,211 Gigajoules.</p> <p>f. All data has been collected and reported within Diligent as our reporting tool.</p> <p>g. Data is pulled directly from diligent utilising the in built conversion factors.</p>
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GRI Index

GRI 3: Material Topics

GRI standard	Disclosure	Page	Notes and Omissions
302: Energy			
302-4	Reduction of energy consumption	12, 36	<ul style="list-style-type: none"> a. Information unavailable for a. Information will be available in the next reporting cycle b. All. c. Comparisons made to 2021 report. Baselined against 2020 business as the start year of the Planet Passionate Program. d. Diligent.
303: Water and Effluents			
303-5	Water consumption	18	<ul style="list-style-type: none"> a. 160.3 megalitres. b. 32.6 megalitres. c. N/A. d. Information unavailable for d. Information will be available in the next reporting cycle
304: Biodiversity			
304-3	Habitats protected or restored	25	Information unavailable for a-d. Information will be available in the next reporting cycle.
305: Emissions			
305-1	Direct (Scope 1) GHG emissions	10, 14	<ul style="list-style-type: none"> a. Scope 1 2022 – 10874.92tCO₂e / Scope 1 2023 – 9,706tCO₂e. b. CO₂, CH₄, N₂O. c. 2022 – 921.79tCO₂e / 2023 – 832tCO₂e. e. Diligent. g. Diligent. f. Information unavailable for disclosure 305-1-f. the information will be available in our next reporting period.
305-2	Energy indirect (Scope 2) GHG emissions	10, 14	<ul style="list-style-type: none"> a. 2022 – 8,549tCO₂e / 2023 – 7,891tCO₂e b. 2022 – 2,199 / 2023 – 869tCO₂e c. CO₂, CH₄, N₂O. e. Diligent. g. Diligent. f. Information unavailable for disclosure 305-2-f. the information will be available in our next reporting period.

GRI Index

GRI 3: Material Topics

GRI standard	Disclosure	Page	Notes and Omissions
305: Emissions			
305-5	Reduction of GHG emissions	10, 14	b. CO ₂ , CH ₄ , N ₂ O. c. Baseline of 2020 as start of Planet Passionate Program. d. Scope 1&2. e. Diligent.
306: Waste			
306-1	Waste generation and significant waste related impacts	16, 17	
306-2	Management of significant waste related impacts	16, 17	
306-3	Waste generated	16, 17	Information unavailable for a-b. Information will be available in the next reporting cycle.
306-4	Waste diverted from disposal	16, 17	Information unavailable for a-e. Information will be available in the next reporting cycle.
306-5	Waste directed to disposal	16, 17	Information unavailable for a-e. Information will be available in the next reporting cycle.
401: Employment			
401-1	New employee hires and employee turnover	22	Data split by employee age groups not available. Information unavailable for a-b. Information will be available in the next reporting cycle.
404: Training and Education			
404-3	Percentage of employees receiving regular performance and career development reviews		All employees are eligible for annual performance career development reviews and are requested to organise these with their line managers at the start of each calendar year. Additional performance reviews can be requested throughout the year.
413: Local Communities			
413-1	Operations with local community engagement, impact assessments, and development programs	24, 25, 26, 27	All Kingspan Insulated Panels operational sites are actively involved in our community engagement initiative 'planet passionate community fund'.

Assurance Statement



Assurance Statement

Independent Assurance Statement to Kingspan Insulated Panels EAA

FBRH Consultants Ltd (FBRH Consultants) was engaged by Kingspan Insulated Panels EAA to provide assurance in relation to the information set out below and presented in Kingspan Insulated Panels EAA's 2022, 2023 Sustainability Report (the Report) covering the period from 1st January 2022 until 31st December 2023. FBRH is totally independent from Kingspan Insulated Panels EAA and did not perform any other sustainability-related work during the above-mentioned period.

Engagement summary

Scope of our assurance engagement: Whether the 2022, 2023 information and data presented in Appendix I are fairly presented, in accordance with the reporting criteria.

Reporting criteria: The GRI Sustainability Reporting Standards (GRI Standards)

Assurance standard: ISAE3000

Assurance level: Limited assurance

Respective responsibilities: Kingspan Insulated Panels EAA is responsible for preparing the Report and for the collection and presentation of the information within it. FBRH Consultants' responsibility is to provide conclusions on the agreed scope based on the assurance activities performed and exercising our professional judgement.

Our conclusions

Based on our activities, nothing has come to our attention to indicate that the 2022, 2023 information and data are not fairly presented in accordance with the reporting criteria. This GRI in Accordance Report does meet all the requirements of the GRI Standards.

Our assurance activities

We planned and performed our work to obtain all the information and explanations that we believe were necessary to provide a basis for our assurance conclusions. A multi-disciplinary team of sustainability and assurance specialists performed assurance procedures as follows:

A review of the presentation of information in the Report relevant to the scope of our work to ensure consistency with our findings.

The limitations of our engagement

The reliability of the assured information is subject to inherent uncertainties, given the available methods for determining, calculating or estimating the underlying information. It is important to understand our assurance conclusions in this context.

Simon Pittsillides MBA, FEIM, FIEMA
GRI Nominated Trainer, IEMA Trainer
GRI Certified Sustainability Professional
FBRH Consultants Ltd, London, UK

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Appendix I: Scope of our assurance engagement

General Disclosures		Requirements	Title
2-1	Organizational details	GRI 1	Foundation 2021
2-2	Entities included in the organization's sustainability reporting		
2-3	Reporting period, frequency and contact point	3-1	Process to determine material topics
2-4	Restatements of information	3-2	List of material topics
2-5	External assurance	3-3	Management of material topics
2-6	Activities, value chain and other business relationships		
2-7	Employees		
2-8	Workers who are not employees		
2-9	Governance structure and composition		
2-10	Identification and selection of the highest governance body		
2-11	Chair of the highest governance body		
2-12	Role of the highest governance body in overseeing the management of impacts		
2-13	Delegation of responsibility for managing impacts		
2-14	Role of the highest governance body in sustainability reporting		
2-15	Conflicts of interest		
2-16	Communication of critical concerns		
2-17	Collective knowledge of the highest governance body		
2-18	Evaluation of the performance of the highest governance body		
2-19	Remuneration policies		
2-20	Process to determine remuneration		
2-21	Annual total compensation variable		
2-22	Statement on sustainable development strategy		
2-23	Policy commitments		
2-24	Embedding policy commitments		
2-25	Processes to remediate negative impacts		
2-26	Mechanisms for seeking advice and raising concerns		
2-27	Compliance with laws and regulations		
2-28	Membership associations		
2-29	Approach to stakeholder engagement		
2-30	Collective bargaining agreements		

Topic-Specific Disclosures		Disclosures	Disclosure Title
GRI 302-1	Energy consumption within the organization		
GRI 302-4	Reduction of energy consumption		
GRI 303-5	Water consumption		
GRI 304-3	Habitats protected or restored		
GRI 305-1	Direct Scope 1 GHG emissions		
GRI 305-2	Energy indirect (Scope 2) GHG emissions in sustainability reporting		
GRI 305-5	Reduction of GHG emissions		
GRI 306-1	Waste generation and significant waste-related impacts		
GRI 306-2	Management of significant waste-related impacts		
GRI 306-3	Waste generated		
GRI 306-4	Waste diverted from disposal		
GRI 306-5	Waste directed to disposal		
GRI 401-1	New employee hires and employee turnover		
GRI 404-3	Percentage of employees receiving regular performance and career development reviews		
GRI 413-1	Operations with local community engagement, impact assessments, and development programs		

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